



through said greasing tank (BG) before exiting at an end of the tubular machine.

6. The tubular machine according to claim 5, characterized in that the said reel (B9) located closest to the greasing tank (BG) is designed to receive a central reinforcing member (4).

7. The tubular machine according to claim 5 or 6, characterized in that all of said reels (B1 to B9) have the same size whereby said tubular machine maintains a constant diameter.

8. A system for producing an optical transmission cable having at least two peripheral layers, comprising an inner peripheral layer and an outer peripheral layer, said outer peripheral layer being twisted about said inner peripheral layer, implementing a method according to any one of claims 1 to 4 and preferably using the tubular machine according to any one of claims 5 to 7.

9. The system according to claim 8, characterized in that the two peripheral layers are provided using two tubular machines arranged one after the other.

10. The system according to claim 8, characterized in that the two peripheral layers are obtained using two separate steps employing two tubular machines.

11. The system according to claim 8, characterized in that the inner peripheral layer is obtained using a tubular machine and said outer peripheral layer is obtained using a planetary machine, the tubular machine and planetary machine being arranged one after the other.

12. The system according to claim 8, characterized in that the said inner peripheral layer is produced during a first step using a tubular machine and said outer peripheral layer is produced during a second step separate from said first step, using a planetary machine.

13. The system according to any one of claims 9 -12, characterized in that the said two machines rotate in mutually opposite directions.